

Amendments to the Specification:

Please amend the specification as follows:

Before the paragraph beginning on page 6, line 30, please insert the following section heading:

BRIEF DESCRIPTION OF THE DRAWINGS

Before the paragraph beginning on page 7, above line 1, please insert the following section heading:

EMBODIMENTS OF THE INVENTION

Please amend the fourth full paragraph, beginning on page 8, line 16, as follows:

Q1 It is interesting to note that according to an advantageous characteristic of the device 100, the sample plate 130 is disposed on a refrigerating support (~~not represented~~) 131c, so that the small amount of product which arrives in each of the cavities of the arrays 131 of the sample plate 132 130 is cooled and possibly frozen.

Please amend the second full paragraph, beginning on page 10, line 19, as follows:

Q2 Said advancing means comprise a stepper or DC motor 195, and the discharge triggering means comprise a counter of steps of the motor able to send an external electrical discharge triggering signal every N_1 steps.

Please amend the fifth full paragraph, beginning on page 11, line 21, as follows:

Q3 A stepper or DC motor (~~not represented in the figure~~) 195 makes it possible for the bench 101 on which the sample plate sits to be moved continuously, for example along the arrow F as represented in Figure 3 at a constant speed of 10 mm/s. This motor counts its steps and after a certain number of steps N_1 corresponding to the distance traveled $d_1 + d_2$, it sends an order (via an external electrical signal) to the relevant piezoelectric micropipette 141, 142, triggering discharge of the 10 drops of constituent, while this pipette is in principle

AB in proximity to a center of a cavity 134. The discharging of the micropipette proceeds over a distance d_1 equal to 100 μm after which the micropipette which has in principle counted 10 drops of constituent, stops delivering the constituent of the product.

Please amend the paragraph bridging pages 11 and 12, beginning at page 11, line 37, as follows:

ah The stepper or DC motor 195 which continues to count its steps, advances the sample plate by a distance d_1 equal to around 500 μm before sending a new discharge triggering order to the piezoelectric micropipette, the latter normally being located in proximity to the center of the next cavity 134 in the same row, and so on and so forth.

Please amend the third full paragraph beginning on page 12, line 19, as follows:

af These means for displacing the micropipette can be a stepper or DC motor 195 which counts its steps and which triggers the discharging of the micropipette when the end of the latter passes in the vicinity of a center of a cavity of the sample plate, as described earlier.

Please amend the seventh full paragraph, beginning on page 15, line 30, as follows:

all The stepper or DC motor 195 then displaces the bench 101 so as to continuously advance the array 131 of the sample plate along the X axis at the speed of 10 mm/s (as described earlier) the micropipette discharging at regular time intervals 10 drops of 1 nanoliter at a frequency of 1000 hertz, into each of the cavities of the first row of the array 131 of the sample plate 130.

Please amend the second full paragraph, beginning on page 17, line 14, as follows:

an And so on, alternately the micropipettes 141, 142 fill the row-wise cavities of the array 131 of the sample plate 132 130 with the various constituents contained in the receptacles of the first supply plate 110.

Please amend the second full paragraph, beginning on page 18, line 7, as follows:

98 The micropipette 141 then moves along the Y axis while the bench 101 moves along the X axis so that the orifice of the micropipette is located above the first cavity of the first column of the array 131 of the sample plate ~~132~~ 130.

Please amend the paragraph bridging pages 19-20 as follows:

99 As we have already explained, it is advantageous for the sample plate ~~132~~ 130 to be disposed on a refrigerating system so that the amount of constituent arriving in a cavity of the array is cooled. The problems of the evaporation of the very small amounts dispensed into the cavities is thus limited.

Replace the Section Heading at page 22, line 1, with the following Section Heading:

CLAIMS WHAT IS CLAIMED IS: